

PTO-1449 REPRODUCED

ATTORNEY DOCKET NO.  
2376.2003-000APPLICATION NO.  
09/812,057INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

July 25, 2001

(Use several sheets if necessary)

APPLICANT  
Oğuz TanrikuluFILING DATE  
March 19, 2001GROUP  
2631

## U.S. PATENT DOCUMENTS

| EXAM-<br>INER<br>INI-<br>TIAL |    | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-<br>CLASS | FILING DATE<br>IF<br>APPROPRIATE |
|-------------------------------|----|-----------------|------|------|-------|---------------|----------------------------------|
|                               | AA |                 |      |      |       |               |                                  |
|                               | AB |                 |      |      |       |               |                                  |
|                               | AC |                 |      |      |       |               |                                  |
|                               | AD |                 |      |      |       |               |                                  |
|                               | AE |                 |      |      |       |               |                                  |
|                               | AF |                 |      |      |       |               |                                  |

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## FOREIGN PATENT DOCUMENTS

|  |    | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-<br>CLASS | TRANSLATION<br>YES NO |
|--|----|-----------------|------|---------|-------|---------------|-----------------------|
|  | AL |                 |      |         |       |               |                       |
|  | AM |                 |      |         |       |               |                       |
|  | AN |                 |      |         |       |               |                       |
|  | AO |                 |      |         |       |               |                       |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

|    |   |
|----|---|
| AR | Mitra, S.K. and Hirano, K., "Digital All-Pass Networks," <i>IEEE Trans. Circuits Sys.</i> , CAS-21(5): 688-700 (1974)   |
| AS | Tanrikulu, O. and Kalkan, M., "Design and Discrete Re-optimization of All-pass Based Power Symmetric IIR Filters," <i>Electronics Letters</i> , 32(16): 1458-1460 (1996)                                  |
| AT | Tanrikulu, O., "Adaptive Signal Processing Algorithms with Accelerated Convergence and Noise Immunity," Ph.D. Thesis, Imperial College of Science, Technology and Medicine, University of London (1995)   |
| AU | Valenzuela, R.A and Constantinides, A.G., "Digital Signal Processing Schemes for Efficient Interpolation and Decimation," <i>IEE Proceedings-G, Circuits Devices and Systems</i> , 130(6): 225-235 (1983) |

EXAMINER

DATE CONSIDERED

2/1/2003